



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090749-A

Mode: Highway

Status: Submitted

US-23, US-441

From/Cross Street: US 64

Specific Improvement Type: 11 - Access Management

To: SR 1652 (Wide Horizon Drive) / SR 1152 (Belden Circle)

Project Category: Statewide Mobility

Length: 0.82

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$6,315,000

Description:

Implement Access Management Strategies (Reference Feasibility Study).

Division(s): Division 14

County(s): MACON

MPOS(s)/RPO(s): Southwestern RPO

Project Location



Statewide Mobility Total Score: 18.99

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (30%) 30.21	N/A	N/A
Safety (10%) 84.80		
Economic Competitiveness (10%) 0.00		
Multimodal + [Freight & Military] (20%) 7.25		
[Travel Time] Benefit/Cost (30%) 0.00		
Totals: Weight: 100% Weighted Score: 18.99		

Regional Impact Total Score: 47.77

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) 30.21	Percent: 15% Points: 100	Percent: 15% Points: 100
Safety (10%) 84.80		
[Travel Time] Benefit/Cost (25%) 0.00		
Accessibility / Connectivity (10%) 17.33		
Totals: Weight: 70% Weighted Score: 17.77		

Division Needs Total Score: 64.52

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 30.21	Percent: 25% Points: 100	Percent: 25% Points: 100
[Travel Time] Benefit/Cost (20%) 0.00		
Safety (10%) 84.80		
Totals: Weight: 50% Weighted Score: 14.52		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	55
Length (miles):	0.82
Facility Type:	Multi-Lane Highway
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	Yes
Volume (AADT):	23000
Capacity:	65695.08
Volume/Capacity Ratio:	0.35
% Autos:	94%
% Trucks:	6%
Truck Volume:	1450
Crash Density:	86.97
Crash Severity:	93.33
Critical Crash Rate:	74.14
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	21
Existing Median Type (for Cost Estimation):	TWLT
Pavement Condition Rating:	71
Actual Congested Speed:	45.46
Travel Time Index:	1.21

Project Benefits

Project Cross-Section:	4D - 4 Lane Divided (23' Raised Median) with Curb & Gutter, Wide Outside Lanes, Bike Lanes, and Sidewalks
Speed Limit:	45
Length (miles):	0.82
Facility Type:	Multi-Lane Highway
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	-606093.1
Travel Time Savings for 30 Years (Autos):	-567882.89
Travel Time Savings for 30 Years (Trucks):	-38210.21
Long-Term Employment:	0
% Change in Economy:	0
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 14

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!line tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 14	100%	100	100
	0%	0	0
	0%	0	0
TOTAL Division Points		100	100

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Southwestern RPO	100%	100	100
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	100

Project Cost and Source

Construction Cost:	\$5,723,000	Cost Estimation Tool
Right-of-Way Cost:	\$529,000	Cost Estimation Tool
Utilities Cost:	\$63,000	Cost Estimation Tool
Total Project Cost:	\$6,315,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$6,315,000	